

Ventirock Duo

Un-faced semi-rigid slab of volcanic stone wool of double density

Application

Thermal and acoustic insulation for ventilated façades.

Technical Properties



Property	Description				Standard
Nominal density (kg/m ³)	110-40				EN 1602
Thermal conductivity W/(m*K)	0,034				EN 12667
Dimensions (mm)	1350 x 600				
Fire reaction /Euroclass	A1				EN 13501.1
Thermal resistance (m ² K/W)	Thickness (mm)	Thermal resistance (m ² K/W)	Thickness (mm)	Thermal resistance (m ² K/W)	
	50	1.45	100	2.90	
	60	1.75	120	3.50	
	80	2.35	140	4.10	
Thickness tolerance (mm)	T3				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Air flow resistivity	AF15	(> 15 KPa · s/m ²)		EN 29053	
Water vapour transmission	MU1	(μ = 1)		EN 12086	
Short term water absorption (kg/m ²)	WS	(< 1,0 kg/m ²)		EN 1609	
Long term water absorption by partial immersion (kg/m ²)	WL(P)	(< 3,0 kg/m ²)		EN 12086	

Advantages

- Resistance to rainwater.
- Resistance to wind.
- No need to use mortar.
- Security in case of fire.
- Excellent thermal and acoustic insulation.
- Perfect adaptation to structural elements due to double density.
- Neither-hydrophilic nor hygroscopic.
- Chemically inert.
- Environmental Product Declaration
- Free of CFC and HCFC, respectful with the environment.
- Low emissions certificate
- Bureau Veritas Report: guarantee of the excellence of both the product and the system during its installation and throughout its life cycle.

